



ABSTRACT OF THE DISCLOSURE

Microcontact printing stamp which achieves both the required dimensional integrity for pattern faithfulness and desired mechanical properties, primarily high elastic modulus. With vinyl addition-type siloxane precursor mixtures, where crosslinking (curing) can take place at either room temperature or higher temperature, a two-step cure produces the desired combination of properties. The article is cured at room temperature for an extended period and then cured at a higher temperature of about 60 °C. The resulting stamp has desirable properties.

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